

DOCKET NO.: TI-32984

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

JC986 U.S. PTO
10/082826
10/19/01

In re patent application of

Applicant: **David Patrick Magee**

Serial No.: **Unknown**

Filed: **Herewith**

For: **SYSTEMS AND METHODS FOR IMPROVING FFT SIGNAL-TO-NOISE RATIO BY IDENTIFYING STAGES WITHOUT BIT GROWTH**

Art Unit: **Unknown**

Examiner: **Unknown**

#2

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
U.S. Patent and Trademark Office
Washington, D.C. 20231

Sir:

I. Pursuant to 37 C.F.R. 1.97 and 1.98, and in compliance with 37 C.F.R. 1.56, the Office's attention is directed to the patents, publications and other information listed on the attached PTO-1449. A copy of each listed document is enclosed except for: (a) pending applications or (b) those previously cited or submitted to the Office in the following application(s) upon which this application relies for an earlier filing date under 35 U.S.C. 120:

Serial No.: _____
Filing Date: _____

Regarding any document, publication or other information for which a date is not given on the attached PTO-1449, Applicant(s) believe(s) the same may qualify as "prior" art to this application and should be treated accordingly, although Applicant(s) reserve(s) the right to contest the prior art status of any document, publication or information, should issue arise.

2. Regarding each listed document that is not in the English language, an English-language translation accompanies this Statement as indicated on the attached PTO-1449 or a concise explanation of the relevance of the document is set forth in the following document(s):

- (a) _____ Copy of each English language version of a search report indicating the degree of relevance found by the foreign office of each document being submitted from the search report.
- (b) _____ Attachment entitled "Concise Explanation of Relevance of Non-English Language Documents".

3. Pursuant to 37 C.F.R. 1.97(b) this Statement is being filed (one must be checked):

- (a) **X** Within 3 months of the filing date or date of entry into the National Stage.
- (b) _____ Before the mailing date of a first Office Action on the merits. If this Statement is not filed before the mailing date of a first Office Action on the merits, the required certification is given below or, in the absence thereof, the Office is authorized to charge the required fee set forth in 37 C.F.R. 1.17(p) to Deposit Account No. 20-0668 for consideration of this Statement.

(c) ___ After the period set forth in 37 C.F.R. 1.97(b) but before the mailing date of either a final action or a notice of allowance.

(1) ___ The required certification is given below, or

(2) ___ Enclosed is a check covering the fee set forth in 37 C.F.R. 1.17(p) for consideration of this Statement, or

(3) ___ Charge the fee set forth in 37 C.F.R. 1.17(p) to Deposit Account No. 20-0668.

(d) ___ After the mailing date of either a final action or a notice of allowance, but before payment of the issue fee. Petition hereby is made for consideration of this Statement and the required certification is indicated below.

(1) ___ Enclosed is a check covering the fee set forth in 37 C.F.R. 1.17(i)(1), or

(2) ___ Charge the fee set forth in 37 C.F.R. 1.17(i)(1) to Deposit Account No. 20-0668.

4. Certification (if applicable)

(a) ___ The undersigned hereby certifies that each item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than 3 months prior to the filing of this Statement.

(b) ___ The undersigned hereby certifies that no item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the undersigned's knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. 1.56(c) more than 3 months prior to the filing of this Statement.

5. The Commissioner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account No. 20-0668.

Respectfully Submitted,

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Form PTO-1449 (Modified) <div style="text-align: center; margin-top: 20px;"> LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT <small>(Use several sheets if necessary)</small> </div>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Atty Docket No. TI-32984</td> <td style="width: 50%;">Serial No.: Unknown</td> </tr> <tr> <td colspan="2">Applicant: David Patrick Magee</td> </tr> <tr> <td>Filing Date: Herewith</td> <td>Group: Unknown</td> </tr> </table>	Atty Docket No. TI-32984	Serial No.: Unknown	Applicant: David Patrick Magee		Filing Date: Herewith	Group: Unknown
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Applicant: David Patrick Magee							
Filing Date: Herewith	Group: Unknown						

10/19/01
 10/09/2006
 J. S. PTO

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

Examiner Initial		Document Number							Date	Name	Class	Subclass	Filing Date if Appropriate
		A	B	C	D	E	F	G					
	A	3	8	0	0	1	3	0	03/26/1974	Martinson, et al.	235	156	07/09/1973
	B	5	0	9	1	8	7	5	02/25/1992	Wong, et al.	364	726	03/23/1990
	C	5	7	1	7	6	2	0	02/10/1998	Williams	364	726	10/24/1995
	D	6	0	9	8	0	8	8	08/01/2000	He, et al.	708	406	02/26/96
	E	6	2	3	0	1	7	6	05/08/2001	Mizutani	708	404	02/04/1998

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document Number							Date	Country	Class	Subclass	Translation	
		A	B	C	D	E	F	G					Yes	No
	F													

OTHER ART(Including Author, Title, Date, Pertinent Pages, etc.)

	G		Yao-Ting Cheng, "Autoscaling Radix-4 FFT for TMS320C6000", Texas Instruments Application Report: SPRA654, March 2000, p. 1-12
	H		Charles Wu, "Implementing the Radix-4 Decimation in Frequency (DIF) Fast Fourier Transform (FFT) Algorithm Using A TMS320C80 DSP", Texas Instruments Application Report: SPRA152, January 1998, p. 1-36
	I		
EXAMINER			DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.